

## 32-17593: Recombinant Human DLL3 Protein, His Tag

**Uniprot ID :** Q9NYJ7

**Alternative Name :** SCDO1

### Description

Molecular Characterization: DLL3(Ala27-Arg490) 6 $\text{\AA}$ —His tag

Molecular weight: The protein has a predicted molecular mass of 49.1 kDa after removal of the signal peptide. The apparent molecular mass of DLL3-His is approximately 55-70 kDa due to glycosylation.

Description: Recombinant human DLL3 protein with C-terminal 6 $\text{\AA}$ —His tag

This gene encodes a member of the delta protein ligand family. This family functions as Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. Mutations in this gene cause autosomal recessive spondylocostal dysostosis 1. Two transcript variants encoding distinct isoforms have been identified for this gene.

### Product Info

**Amount :** 100  $\mu\text{g}$  / 50  $\mu\text{g}$

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** Store at -20 $^{\circ}\text{C}$  to -80 $^{\circ}\text{C}$  for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 $^{\circ}\text{C}$  (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

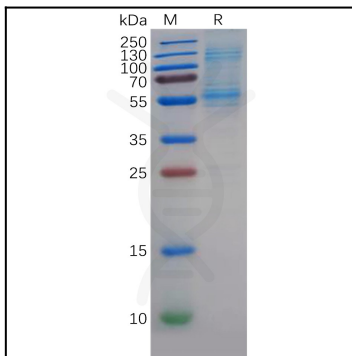


Figure 1. Human DLL3 Protein, His Tag on SDS-PAGE under reducing condition.

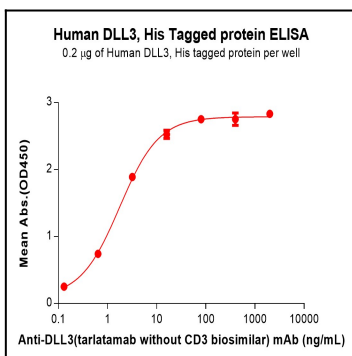


Figure 2. ELISA plate pre-coated by 2  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ) Human DLL3 Protein, His Tag can bind Anti-DLL3(tarlatamab without CD3 biosimilar) mAb in a linear range of 0.13–16 ng/mL.

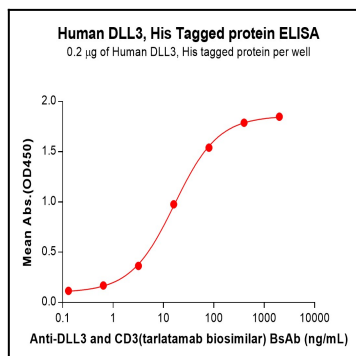


Figure 3. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human DLL3 Protein, His Tag can bind Anti-DLL3 and CD3 (tarlatamab biosimilar) BsAb in a linear range of 0.64–80 ng/mL.